UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,618	06/22/2001	Travis J. Parry	10007301-1	7356

7590	03/14/2005

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EXAMINER
HUNTSINGER, PETER K

ART UNIT	PAPER NUMBER
2624	

DATE MAILED: 03/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-21_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-21_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____ .

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _6/22/01_.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____ .

DETAILED ACTION

1.   Claim 4 is objected to because of the following informalities: A period is missing

at the end of the claim. Appropriate correction is required.

2.   Claim 14 is objected to under 37 CFR 1.75(c), as being of improper dependent

form for failing to further limit the subject matter of a previous claim. Applicant is

required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper

dependent form, or rewrite the claim(s) in independent form. Claim 14 contains the

same claim as claim 4. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 1-5, 7-12, and 14-21 are rejected under 35 U.S.C. 102(e) as being

anticipated by Wood et al. U.S. Patent 6,453,127.

Referring to claim 1, Wood et al. disclose a method of managing stored print jobs

of a printing device, comprising: providing a printing device incorporating a web server

(copier/printer 15 of Fig. 1, col. 2, lines 56-58), said web server linked to a network

(computer 30 of Fig. 1, col. 2, lines 58-60); initiating a remote request over said network

for a web page from said web server (step 120 of Fig. 3, col. 5, lines 65-67), said web

page having at least one applet tag referencing at least one applet thereby (col. 5, lines

3-12); transmitting said web page over said network (col. 4, lines 45-49); downloading

and displaying said web page using a web browser (col. 6, lines 1-8); downloading said

at least one applet using said web browser in response to downloading said web page

(col. 6, lines 1-8), said at least one applet programmed for providing control over data

stored in job retention memory of said printing device (col. 6, lines 35-40); and

managing said data stored in job retention memory using said at least one applet

operating within said web browser (col. 3, lines 44-48).

Referring to claim 2, Wood et al. disclose the method of claim 1, further

comprising requesting said at least one applet to retrieve a portion of said data from

said job retention memory (col. 6, lines 35-40).

Referring to claim 3, Wood et al. disclose the method of claim 1, further

comprising providing a workstation configured with said web browser (col. 4, lines 49-

52).

Referring to claims 4 and 14, Wood et al. disclose the method of claim 1, further

comprising executing said at least one applet using a Java Virtual Machine platform on

a workstation (col. 4, lines 57-65).

Referring to claim 5, Wood et al. disclose the method of claim 1, wherein said

web browser comprises a java-enabled web browser (col. 4, lines 57-65).

Referring to claim 7, Wood et al. disclose the method of claim 6, wherein said at least one applet functions as a file viewer (col. 6, lines 3-8).

Referring to claim 8, Wood et al. disclose the method of claim 1, wherein managing said data includes displaying a list of print jobs stored in said job retention memory (col. 3-4, lines 66-67, 1-2).

Referring to claim 9, Wood et al. disclose the method of claim 8, wherein managing said stored data comprises at least one of printing, removing, or changing the priority of at least one print job in said list of print jobs (col. 6, lines 41-45).

Referring to claim 10, Wood et al. disclose the method of claim 8, wherein managing said stored data comprises rescheduling at least one print job in said list of print jobs (col. 3, lines 44-48).

Referring to claim 11, Wood et al. disclose the method of claim 1, wherein managing said stored data comprises categorizing said data into user selected categories (col. 6-7, lines 66-67, 1-3). Woods et al. disclose allowing the user to access a library of documents, which would be a category of all documents on the server.

Referring to claim 12, Wood et al. disclose the method of claim 1, wherein managing said stored data comprises creating copies of portions of said data (col. 3, lines 33-35).

Referring to claim 15, Woods et al. disclose a system for managing stored print jobs of a printing device, comprising: a printing device incorporating a web server, said web server linked to a network, said printing device comprising a job retention memory for storing print jobs sent by network-based devices (col. 6, lines 35-40); at least one

workstation for communicating with said network, said at least one workstation having a

web browser thereon (col. 4, lines 49-52); and at least one applet accessible by said at

least one workstation (col. 6, lines 1-8), said at least one applet for managing stored

data in said job retention memory of said printing device through user input on said at

least one workstation (col. 3, lines 44-48).

Referring to claim 16, Woods et al. disclose the system of claim 15, wherein said

web browser comprises a java-enabled web browser (col. 4, lines 57-65).

Referring to claim 17, Woods et al. disclose the system of claim 15, further

comprising a Java Virtual Machine platform provided on said at least one workstation

(col. 4, lines 57-65).

Referring to claim 18, Woods et al. disclose the system of claim 15, wherein said

at least one applet is threaded to operate said web server (col. 5, lines 46-51).

Referring to claim 19, Woods et al. disclose the system of claim 15, further

comprising a Java console accessible by said at least one workstation (col. 5, lines 6-

12).

Referring to claim 20, Woods et al. disclose a method of managing print jobs

stored in job retention memory of a printing device (copier/printer 15 of Fig. 1, col. 2,

lines 56-58), comprising: providing a printing device incorporating a web server

(computer 30 of Fig. 1, col. 2, lines 58-60), said web server linked to a network;

providing a workstation, said workstation in communication with said network and

configured with a java-enabled web browser and a Java Virtual Machine platform (col.

4, lines 57-65); initiating a request over said network for a web page from said web

server using said java-enabled web browser (step 120 of Fig. 3, col. 5, lines 65-67), said

request initiated by specifying a network address of said web page to said java-enabled

web browser, said web page having at least one applet tag referencing at least one

applet responsive to said request (col. 6, lines 1-3), transmitting said web page over

said network to said java-enabled web browser (col. 4, lines 45-49); downloading and

displaying said web page using said java-enabled web browser (col. 6, lines 1-8);

downloading said at least one applet using said java-enabled web browser in response

to downloading said web page, said at least one applet programmed to provide control

over data stored in job retention memory of said printing device (col. 6, lines 35-40);

executing said at least one applet using said Java Virtual Machine platform (col. 4, lines

57-65); and managing said data stored in job retention memory using said at least one

applet operating within said web browser (col. 3, lines 44-48).

Referring to claim 21, Woods et al. disclose a method of managing stored print

jobs for a printing device having a web server linked to a network, comprising: initiating

a remote request over said network for a web page from said web server (step 120 of

Fig. 3, col. 5, lines 65-67), said web page having at least one applet tag referencing at

least one applet (col. 6, lines 1-3); transmitting said web page over said network (col. 4,

lines 45-49); displaying said web page using a web browser (col. 6, lines 1-8);

downloading said at least one applet in response to downloading said web page (col. 6,

lines 35-40), said at least one applet programmed for providing control over data stored

in job retention memory of said printing device (col. 3, lines 44-48); and managing said

data stored in said job retention memory using said at least one applet (col. 3, lines 44-

48).

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims 6 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Wood et al. U.S. Patent 6,453,127.

Referring to claim 6, Woods et al. disclose the method of claim 1, wherein

managing said data comprises viewing images of stored print jobs (col. 6, lines 3-8).

Woods et al. does not disclose expressly viewing rasterized images. Official Notice is

taken that viewing rasterized files is obvious and well known in the art. Woods et al.

disclose viewing an unspecified type of file and a raster file is simply a generic type of

image file such as a BMP, TIFF, GIF, or JPEG.

Referring to claim 13, Woods et al. disclose managing stored data but does not

disclose expressly converting portions of data into a printer control language. Official

Notice is taken that it is obvious and well known in the art to convert a print job into a

printer control language before printing the job. Woods et al. disclose sending a print

job to a printer but does not expressly disclose the steps taken for preparing the file for

printing. Converting the print job into a PCL file is a common step in sending a file to a
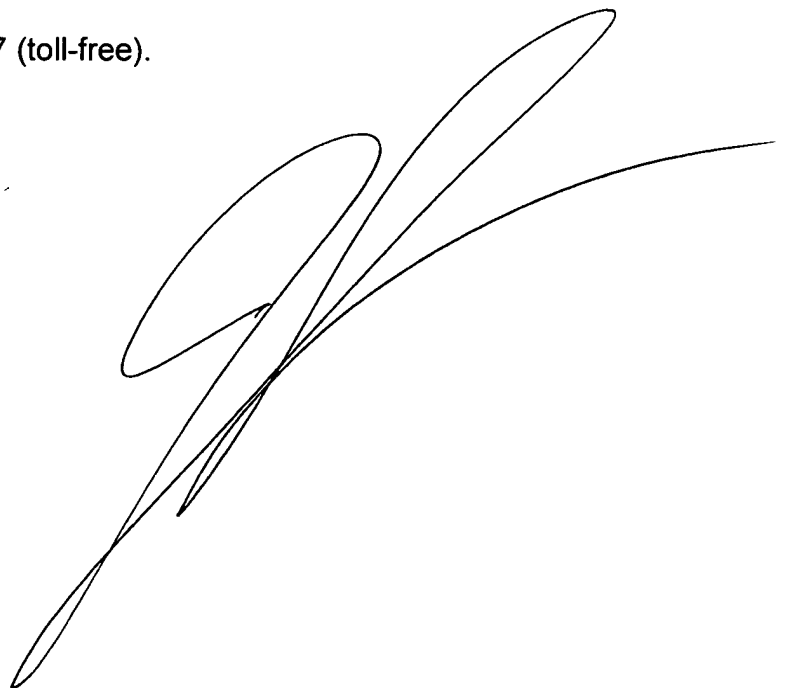
printer.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter K. Huntsinger whose telephone number is (703)306-4088. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on (703)308-7452. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PKH